

Listing of Claims

The following claims replace all prior versions of the claims in this application:

1. (Currently Amended) An applicator for creating a lesion in tissue, the applicator comprising:

a first rigid or semi-rigid support member;

a first compliant material coupled to said first support member;

a first passage in communication with said first compliant material

for infusing a medium to the compliant material coupled to the first support member; and

an air gap reflector provided in at least the first rigid or semi-rigid support member to reflect or focus incident energy;

at least one electrode for conducting energy to an outer surface of the tissue.

2. (Previously Presented) The applicator according to Claim 1, further comprising:

a second rigid or semi-rigid support member;

a second compliant material coupled to said second support

member; and

a second passage in communication with said second compliant

material for infusing a medium to the compliant material coupled to the second support member.

3. (Original) The applicator according to Claim 2, wherein said first and second support members are fixed relative to one another.
4. (Original) The applicator according to Claim 2 wherein said at least one of said first and second support members is operative to articulate relative to the other.
5. (Original) The applicator according to Claim 2 wherein said first and second support members are located such that said each of the first and second compliant materials extends in the direction of the other.
6. (Cancelled)
7. (Original) The applicator according to Claim 1, wherein said electrode is located on the surface of said first compliant material.
8. (Original) The applicator according to Claim 1, wherein said electrode is integrated into the surface of said first compliant material.
9. (Cancelled)
10. (Cancelled)

11. (Currently Amended) An applicator for creating a lesion in tissue, the applicator comprising:

a first rigid or semi-rigid support member,

an ultrasonic transducer element mounted to said first support member;

an air gap reflector provided in at least the first rigid or semi-rigid support member to reflect or focus incident energy; and

means for varying the distance between the ultrasonic transducer element and an outer surface of the tissue, whereat the lesion is created.

12. (Previously Presented) The applicator according to Claim 11, further comprising a first passage in communication with a compliant material for infusing a medium to said compliant material, wherein said means for varying the distance between the ultrasonic transducer and the surface of the tissue comprises a compliant material coupled to said support member.

13. (Original) The applicator according to Claim 12, further comprising a second passage in communication with said compliant material, which together with said first passage provides for the circulation of said medium.

14. (Original) The applicator according to Claim 12 further comprising at least one electrode for conducting energy to the tissue.

15. (Original) The applicator according to Claim 14, wherein said electrode is located on the surface of said first compliant material.
16. (Original) The applicator according to Claim 14, wherein said electrode is integrated into the surface of said first compliant material.
17. (Withdrawn) The applicator according to Claim 11 further wherein said means for varying the distance between the ultrasonic transducer and the surface of the tissue comprises a mechanical means for varying the standoff distance.
18. (Withdrawn) The applicator according to Claim 17, further comprising an actuating cable operatively connected to said mechanical means and operative to vary said standoff distance.
19. (Withdrawn) The applicator according to Claim 17 further comprising at least one electrode for conducting energy to the tissue.